## DT03 Rec'd PCT/PT0 2 9 NOV 2004

PTO-1390 (Rev. 10-2004)
Approved for use through 03/31/2007 OMB 0651-0021
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## TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

ATTORNEY'S DOCKET NUMBER ASZD-P01-700

U.S. APPINCATION NO. (If known, see 37 CFR 1.5)

CON	ICERNING A SUBMISSI	10/516422						
INTERNA	ATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED					
TITLE OF	PCT/SE03/00859							
ABBUOA								
APPLICA	NT(S) FOR DO/EO/US Ahle	qvist et al.						
Applicant	Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:							
1. x	1. x This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.							
2.	2. This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.							
3.	3. This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.							
4. x	The US has been elected (Article 31).							
5. x	A copy of the International Application as filed (35 U.S.C. 371 (c)(2))							
a.	is attached hereto (required only if not communicated by the International Bureau).							
b.	x has been communicated by the International Bureau.							
C.	is not required, as the application was filed in the United States Receiving Office (RO/US).							
6.	An English language translation	of the International Application as filed	d (35 U.S.C. 371 (c)(2)).					
a.	is attached hereto.							
b.	has been previously submitted under 35 U.S.C. 154(d)(4).							
7. x	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))							
a.	are attached hereto (required only if not communicated by the International Bureau).							
b.	have been communicated by the International Bureau.							
C.	have not been made; however, the time limit for making such amendments has NOT expired.							
d.	x have not been made and will not be made.							
8.	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).							
9.	An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).							
10.	An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).							
Items 1	1 to 20 below concern docun	nent(s) or information included:						
11.	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.							
12.	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.							
13.	A preliminary amendment.							
14. x	An Application Data Sheet under 37 CFR 1.76.							
15. x	A substitute specification.							
16.	A power of attorney and/or change of address letter.							
17.	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.							
18.	A second copy of the published International Application under 35 U.S.C. 154(d)(4).							
19.	A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).							
20. x	X Other items or information: Return Receipt Postcard Marked-Up Specification							

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U.S. APPLICATION 10.	S. APPLICATION 10. They not see 31 CFR 1.54 22 INTERNATIONAL APPLICATION NO. PCT/SE03/00859		ATTORNEY'S DOCKET NUMBER ASZD-P01-700				
	ing fees are submitted			CALCULATIONS	_		
BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) – (5)):  Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO							
nternational preliminary examination fee (37 CFR 1.482) not paid to ISPTO but International Search Report prepared by the EPO or JPO							
	nternational preliminary examination fee (37 CFR 1.482) not paid to USPTO uut international search fee (37 CFR 1.445(a)(2)) paid to USPTO						
nternational preliminary examination fee (37 CFR 1.482) paid to USPTO out all claims did not satisfy provisions of PCT Article 33(1)-(4)							
International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)							
ENTER	R APPROPRIATE BA	SIC FEE AMOUNT =	:	\$ 1,110.00			
Surcharge of \$130.00 for from the earliest claimed p			months	\$			
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE				
Total claims	-20 =		х	\$			
Independent claims	-3 =		х	\$			
MULTIPLE DEPENDE		<del> </del>	+	\$			
Applicant claims or	mall entity status. See 3	TAL OF ABOVE CAL		\$ 1,110.00			
are reduced by ½.	nan enary status. See 3	7 CFR 1.27. The lees in	idicated above	\$			
		S	UBTOTAL =	\$ 1,110.00			
	Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).						
		TOTAL NAT	IONAL FEE =	\$ 1,110.00			
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +							
		\$ 1,110.00					
				Amount to be refunded:	\$		
				Amount to be charged:	\$		
a. A check in the amount of \$ to cover the above fees is enclosed.							
	b. X Please charge my Deposit Account No. 18-1945 in the amount of \$ 1,110.00 to cover the above fees. A duplicate copy of this sheet is enclosed.						
c. x The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any							
overpayment to Deposit Account No. <u>18-1945</u> . A duplicate copy of this sheet is enclosed.  d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card							
information s	should not be included	on this form. Provide	credit card informa	tion and authorization	on PTO-2038.		
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.							
SEND ALL CORRESPONDE	ENCE TO:	(	X) A	<b></b>			
Patricia Granahan, Sc.D. SIGNAT ROPES & GRAY LLP			GNATURE:	David P. Halstead			
One International Place NAME							
Boston, Massachusetts 02110-2624							
(617) 951-7449  CUSTOMER NUMBER: 28120  REGISTRATIO			EGISTRATION NU	44,735 MRFR			
OUSTOWER NUMBE	_IN. ZU IZU	N.	2011/11/10/14/01				

10/516422

Application No. (if known): Not Yet Assigned

Attorney Docket No.: ASZD-P01-700

## **Certificate of Express Mailing Under 37 CFR 1.10**

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV543609526US in an envelope addressed to:

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Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Letter to the United States Designated-Elected Office (2 pages)

Application Data Sheet (3 pages)

Marked-Up Specification (89 pages); Figures (5 pages) Substitute Specification (86 pages); Figures (5 pages)

Copy of PCT/SE03/00859 Retun Receipt Postcard